

CARNEGIE INSTITUTION OF WASHINGTON
ECOLOGICAL RESEARCH

ALPINE LABORATORY, MANITOU, COLORADO

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UNIVERSITY OF CALIFORNIA
DEPARTMENT OF BOTANY

Berkeley, December 28, 1922.

Professor P. A. Munz,
Department of Botany,
Pomona College,
Claremont, California.

Dear Professor Munz:-

I want to thank you for the extremely pleasant half-day you gave me while in Claremont a few weeks ago and also for the very generous proposal made by President Blaisdell at your suggestion in connection with the work in experimental taxonomy. Although the experiments already established in this part of the State will necessitate my presence here most of the time, I strongly hope that these cultural methods may be carried out also in the south and that I shall be permitted to assist in their planning, at least to a limited extent. As soon as your botanical tract is in position I shall probably be able to utilize a very small portion of it for the cultivation of certain plants in which I am especially interested. This would mean that I should want to come to Pomona occasionally and make the proper arrangements, as well as to study at your herbarium.

While on this southern trip I was much impressed with the opportunities for experimental work in connection with the taxonomy of some of your groups. Take, for example, *Corethrogyne*. What fun it would be to assemble all of the numerous forms from the seacoast to the mountains under one environment and see how their differences would hold up after a series of years! I could give a list of dozens of things which would be just as interesting, and

of course you could do the same. Your Pentstemons should certainly be tested out by such methods, even though you find it desirable to go ahead with your revision before such experimental work can be carried out. This is no reason why the tests should not be made, and I hope that you will take opportunity to assemble living plants of Pentstemon from every possible source. We have made transplants of a number of species, including some from southern California, and hope to extend this as time goes on, so if you or anyone else cares to assemble a Pentstemon garden we shall be in a position to make contributions to it. In my own case I have found that while I could not wait for experimental evidence in getting out the monograph on Artemisia, I am now making some of my most interesting transplants in this genus. For one thing, the revising of a genus shows one the need of such work and also indicates the sort of transplants that should be made. So, although our monograph is now in print, I shall hope to be able in ten or twenty years to present experimental evidence either substantiating or overthrowing some of the statements which I am now making.

When you have finally decided as to your plans for next year please let me know the outcome and be sure to call upon me if I can assist in any way in the planning of your proposed visit to us on the Yosemite transect. We shall be more than glad to have you there for as long a period as you can spare.

Very sincerely yours,

Hm Hall